

# **Safety Precautions USER MANUAL**

# **Digital Music Studio**

with universal dock for iPod RS27116i **FCC Information** 

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

This product contains a low

power laser device.

RAIN OR MOISTURE

For Customers in Canada

in radio interference regulations

**Remote Control** 

with the same or equivalent type.

**Location of Controls** 

batteries must be strictly followed.

Unit (Front View)

1

2.

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5.

6.

7.

8.

9

**Battery Replacement** 

WARNINGS:

or the like

- Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

> CLASS 1 LASER PRODUCT APPAREIL À LASER DE CLASSE Producto laser de classe 1

PRODUTO LASER CLASSE 1

energy

TO AVOID ELECTRICAL SHOCK, DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY. THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUID, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.

This apparatus complies with the Class B limits for radio noise emission set out

- 1 -

When the battery becomes weak, the operating distance of the remote

Note: If the remote control is not going to be used for a long time, remove

Battery shall not be exposed to excessive heat such as sunshine, fire

Danger of explosion if battery is incorrectly replaced. Replace only

CAUTION: When discarding batteries, environmental problems must

be considered and local rules or laws governing the disposal of these

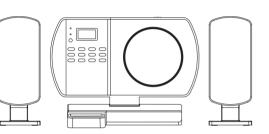
the battery to avoid damage caused by battery leakage corrosion.

Do not dispose of battery in fire; battery may explode or leak

control is greatly reduced and you will need to replace it.

This Audio System has

earned the ENERGY STAR





It's important to read this instruction prior to using your new product for the first time

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#### **Volume Adjustment**

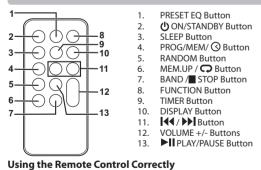
#### To Adjust the Volume

Adjust the VOLUME levels to obtain the desired

#### For Personal Listening

Connect headphones (Ø3.5mm stereo mini plug) to the PHONES jack. Adjust the VOLUME level to the desired level. When headphones are connected, the speakers are automatically muted

### **Remote Control**

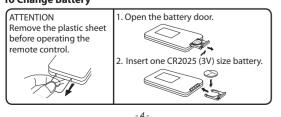


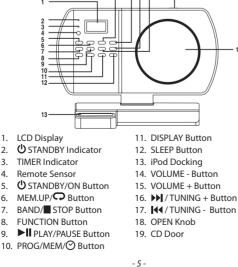
- Point the remote control at the REMOTE SENSOR located on the
- When there is a strong ambient light source, the performance of the infrared REMOTE SENSOR may be degraded, causing unreliable operation
- The effective maximum distance for remote operation is approx. 19 feet (6 meters)

## **To Change Battery**

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unit





# **Safety Precautions**

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada

- Warnings:
   The AC adapter is used as disconnect device and it should remain readily operable during intended used. In order to disconnect the apparatus from the mains completely, the AC adapter should be disconnected from the mains socket outlet completely.
- Minimum 10 cm (4 inches) distances around the apparatus for sufficient ventilations. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains, etc.
- No naked flame sources such as lighted candles should be placed on the apparatus

#### **On Safety**

As the laser beam used in this compact disc player could be harmful to the eves, do not attempt to disassemble the casing. Refer servicing to qualified personnel only.

- Do not put any foreign objects in the disc compartment. If you do so, the laser beam interlock may be defeated allowing the laser to remain on when the lid is opened.
- Do not put any foreign objects in the DC IN jack. Should any objects or liquids fall into the unit, disconnect the power supply and have the unit checked by qualified personnel before any further operation.

#### **On Operation**

Since the CD system offers a wide dynamic range, the peaks of the high level inputs are recorded with high fidelity, and the noise level is very low. Do not turn up the volume while listening to a part of the disc with no audio signals or very low level inputs. If you do so, the speakers may be damaged when the peak level of the sound is played. The lens of the laser should be kept clean. Do not touch the lens. If you do so, the lens may be damaged and the unit will not operate correctly

### On Use

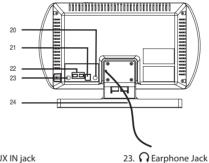
- Never use the unit where it would be subject to:
- Heat sources such as radiators or air ducts. Direct sunlight.

#### Excessive dust.

- WARNINGS: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THE UNIT TO
- Moisture or rain. Mechanical vibration or shock. Uneven surface.
  - Do not place any heavy objects on top of the unit.
    When the unit is used with an AC power adapter, do not wrap the unit in a cloth, blanket, etc. If you do so, the temperature inside and outside the unit
  - may rise considerably, resulting in malfunctioning of the unit. If the unit is brought directly from a cold to a warm location, or is placed
  - in a very damp room, the moisture may condense on the lens inside the unit. Should this occur, the unit will not operate. In this case, remove the disc and leave the unit in a warm place for several hours until the moisture evaporates For the unit to operate at its best, it should not be subject to temperatures
  - below 41°F (5°C) or above 95°F (35°C). - 2 -

# **Location of Controls**

# Unit (Rear View)



20. AUX IN jack 21. DC IN 12V Jack 24. FM Antenna

22. Right & Left Speaker Terminals

## **Clock Setting**

- Setting the clock can only be done in STANDBY mode. If the unit is plugged in with the supplied AC adapter and the unit is in standby mode, the standby indicator illuminates.
- Press and hold the **PROG/MEM**/ (③) button until the hour digits blink.
- Press the 📢 or 🍽 button to adjust the desired icuu hours then press the **PROG/MEM**/(③) button once to confirm. The minute digits will begin to
- 3. Press the H or H button to adjust the desired iciju minutes then press the **PROG/MEM**/O (O) button once to start clock

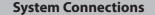
#### Notes:

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2.

- 12:00 PM = NOON time, "PM" will be display for times between Noon and Midnight. Tap the **DISPLAY** button once to display the
- current time

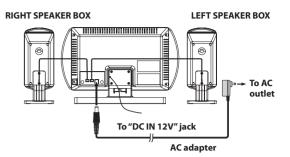
- 6 -



#### **Speaker Connections**

Connect the right speaker to the R terminal and the left speaker to the I terminal

NOTE: Connecting speakers other than the speakers supplied with the unit may damage the unit



#### Using the AC Adapter

Using an AC adapter other than the one supplied with the unit may damage the unit. This AC adapter operates on AC 100-240V~50/60Hz.

#### CAUTIONS:

- Before use, ensure the rated voltage of the adapter matches your local voltage The included AC adapter is for use with this unit only. Do not use it
  - with other equipment
- If you are not going to use the unit for a long time, disconnect the AC adapter from the wall outlet. Whenever the AC adapter is plugged in to a wall outlet, electricity is
- running through the unit, even when the power switch is turned off. ΕΜ ΔΝΤΕΝΝΔ
- Do not connect the FM antenna to an outside antenna.

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((STEREO))

89.8

2009-05-22 15:05:33

# Listening to the Radio

- 1. Press the **USTANDBY/ON** button to turn the unit
- 2. Press the FUNCTION button repeatedly to select radio mode
- 3. Press the BAND/ STOP button to select a band (AM/FM)
- 4. Press the or be button to tune in to a station.
- 5. Adjust the volume levels
- Searching for a Station Automatically Press and hold the I or I button until the tuner starts
- searching for a station, then release. After tuning in a station, the search stops.

#### The search may not stop at a station with a very weak signal. **Presetting Stations**

- The unit can store a total of 20 stations in memory (10FM, 10AM).
- Presetting allows you to tune in to a station directly.
- Tune in to a desired station 2
- Press the **PROG/MEM** $(\bigcirc (\bigcirc)$  button. The preset number will blink and the "**MEMORY**" indicator will flash on the display.
- Press the MEM.UP/ button to select the preset number.
- Press the **PROG/MEM**/O (O) button again to store it in memory. 4 Repeat steps 1-4 to store other stations. 5

# **Tuning in to a Preset Station**

Press the BAND/ STOP button to select AM or FM band, then press the MEM.UP/ button to select a preset number.

#### For Better Reception

Notes:

9:30

the display.

FM: Fully unwind the antenna wire. Extend the antenna wire and place it in the position that sounds best.

When the reception is good, the "((STEREO))" indicator will appear on

To prevent interference to AM radio signals, please keep the AC adapter

- 7.

Note: Do not connect the FM antenna to an outside antenna.

at least 3 feet (approx. 1 meter) away from the main unit.

AM: Reposition the unit to get better AM reception.

# **CD** Playback

- Press the **U STANDBY/ON** button to turn on the unit.
- Slide the **OPEN** knob to open the CD door. Place a disc in the center 2 with the label side front and then close the CD door gently.
- Press the FUNCTION button to CD mode. "--" will blink on the 3.
- display. Then the total track no. is shown on the display. Press the **PII PLAY/PAUSE** button to start playing.
- Adjust the volume levels To Pause Playback

# Press the PLAY/PAUSE button.

To resume playback, press the ► II PLAY/PAUSE button again

#### **To Stop Playback**

Press the **BAND**/ **STOP** button.

#### **Skipping to Another Track**

Press either the **I I I I** button according to the desired direction Press the I d button to skip to the start of the current track or skip to previous tracks. Press the D button to skip to the beginning of the next track

- Locating a Particular Point on a Track Keep either the 📢 or 🍽 button pressed during playback.
- according to the desired direction, and release at the desired point.

# **REPEAT PLAYBACK**

Repeat Current Track Press the **MEM.UP/** button until "(REPEAT)" blinks on the display. The current track will be played repeatedly

## **Repeat the Entire CD**

Press the **MEM.UP** button until "REPEAT" stops blinking and remains on. All tracks will be played repeatedly.

#### Cancel Playback Mode

Press the **MEM.UP**/ button until repeat indicator disappears. **RANDOM PLAYBACK** 

All tracks on the disc can be played in random order (Using the remote control only)

RANDOM

86

# **Random Playback**

 Press the **RANDOM** button on the remote control and "RANDOM" will be shown on the display. All tracks will be played randomly After all tracks have played, the unit will stop automatically

### **Timer Setting**

The timer function will turn the unit on at a preset time.

#### **To Set Timer**

1. In standby mode, press and hold the TIMER button on the remote control until the TIMER indicator blinks.

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- 2. Press and hold the **PROG/MEM**/ (③) button until the hour digits blink 3. Press the **I** or **D** button to adjust the desired hours then press the **PROG/MEM**/⊘ (③) button once to confirm. The minute digits
- will begin to blink 4. Press the 📢 or 🍽 button to adjust the desired minutes then press
- the **PROG/MEM**/O (O) button once to confirm. The TIMER indicator will stop blinking and remain on. 5. The unit will wake up to "RADIO", " iPod", "AUX IN" or "CD" when the
- timer reaches the preset time. For RADIO timer, first tune in to a desired station
- Press the **U** STANDBY/ON button to enter standby mode, then set the timer following the above steps.

• For CD timer, first press the **FUNCTION** button to CD mode and insert one CD into the unit. Press the **U** STANDBY/ON button to enter standby mode, then set

- the time • For AUX IN timer, first connect the plug to the AUX IN jack in back panel. Press
- the **USTANDBY/ON** button to enter standby mode, then set the timer. For iPod timer, first insert your iPod into the connector, Press the

FUNCTION button to iPod mode. Press the **U** STANDBY/ON button to enter standby mode, then set the timer

Note: Before setting timer, you can adjust the volume levels in RADIO, CD/iPod/AUX IN mode for the timer.

#### To Cancel Timer

Press and hold the TIMER button on the remote control until the TIMER indicator goes out

#### **Sleep Timer Setting**

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- The sleep timer automatically turns the unit off after a certain time. While the unit is on, press the SLEEP button and " 9 [] " appears on
- the display 2. Press the **SLEEP** button repeatedly to select the desired sleep time as below

- The unit will automatically turn off once it counts down the sleep time To clear the preset sleep time press the SLEEP button until " [] [] '
- appears. - 12

# **CD** Playback

### **Cancel Random Playback**

Press the **RANDOM** button on the remote control again during RANDOM playback to return to normal playback.

### **PROGRAMMABLE CD PLAYBACK**

- A program of up to 20 tracks can be set to play in a preset order 1. In CD stop mode, press the **PROG/MEM**/O (③) button and "MEMORY" & "--" will blink on 1 / the display
- to store the track in memory. To add additional tracks, repeat step 2 (up to 20 tracks).
- To start playback, press the PLAY/PAUSE button

#### To Check the Program:

- Press the **BAND/ STOP** button and the **A** or **b** button. Each time the **b** button is pressed, the track number appears on the display.
- To Change the Programmed Tracks during Program
- Plavback Press the **BAND/ STOP** button and press the **PROG/MEM/**(③) MEM/☉ (☉) button again to register the newly selected track into program
- To Erase the Whole Program, Do One of the Following:
- Press the FUNCTION button to change to radio/iPod/AUX mode. Press the **O STANDBY/ON** button to turn off the unit.
- Press **BAND/ STOP** button repeatedly until "**MEMORY**" disappears.

### Listening to Your iPod

# **Compatible iPod Types**

- iPod nano (1st generation) 1GB, 2GB, 4GB
- iPod nano (2nd generation) 2GB, 4GB, 8GB iPod nano 3rd generation (video) 4GB, 8GB
- iPod nano 4rd generation (video) 8GB, 16GB
  - iPod 5th generation (video) 30GB, 60GB, 80GB
- iPod classic 80GB, 120GB, 160GB
- iPod touch (1st generation) 8GB, 16GB, 32GB iPod touch (2nd generation) 8GB, 16GB, 32GB
- **Note:** Also supports iPhone when iPhone is set to "airplane mode".

# **Display Function**

- CD Mode 1. During playback, press the **DISPLAY** button repeatedly to shuffle
- between the CD playback mode and the current time.

-9-

- 2. When stopped, press the **DISPLAY** button to shuffle between the total number of CD tracks and the current time.
- Radio/iPod/AUX Mode Press the DISPLAY button to shuffle between the current playback
  - mode and the current time

# **Troubleshooting Guide**

#### PROBLEMS SOLUTIONS

- CD Make sure AC adapter is secure in the outlet, and outlet System does not turn on has power. Make sure you've selected CD mode. Disc in place but Make sure disc label is facing front. Make sure disc indering a Make sure disc is clean. Pause mode is activated. unit won't play Disc may be damaged or dirty: check disc. Make sure the unit is on a secure spot. Vibration or jarring can cause the disc to skip. Disc skips RADIO Poor FM reception . Make sure FM antenna wire is fully extended. Electrical interference in your home can cause poor reception. Move the unit away from them (especially those with motors and transformers) Poor AM reception Rotate the unit horizontally. iPod iPod does not dock · Remove your iPod from the dock and check for properly or does not install properly. obstruction on the connectors in the dock and on your iPod. Make sure that your iPod is working properly before docking into the unit. Please refer to your iPod manual for details. iPod does not
- respond to the speaker system. Maintenance

- **Cleaning the Unit** Do not use volatile chemicals on this unit. Clean by lightly wiping with a soft cloth Cleaning the CD
- If the CD skips or will not play, the disc may need to be cleaned Before playing, wipe the disc from the center outwards with a cleaning cloth After playing, store the disc in its case.

Handling the Disc Only touch the CD on the edge to avoid finger prints on its surface. Do not stick paper or tape nor write anything on the surface - 13 -

# Listening to Your iPod

#### Installing an iPod Dock Adapter

Before connecting your iPod, it's recommended that you install the appropriate **iPod Dock Adapter** (supplied with the iPod or sold separately) in the dock of the unit

2. Insert your iPod Dock Adapter into the dock until it sits firmly in place. **Removing the iPod Dock Adapter** 

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iPod Dock Adapter

(d)

Listening to Your iPod

indicator appears on the iPod screen.

albums will be played without sequence

repeat indicator disappears.

played without sequence.

shuffle indicator disappears

be changed to the next one as follows:

**AUX IN Connection** 

Listening to the Connected Device

**Limited Warranty** 

iPod for more details

Random Plavback

iPod for more details

**Preset EQ** 

the display

Press the **MEM.UP**/ button on the remote control. The repeat

To cancel repeat playback, press the **MEM.UP/** button until the

Note: Please refer to the owner's manual that was included with your

**Random** plays songs/albums from your iPod in a random order.

1. Press the RANDOM button on the remote control once and the

random indicator appears on the iPod screen. All songs will be

2. Press the RANDOM button on the remote control twice and the

random indicator appears on the iPod screen. All songs of this

To cancel shuffle playback, press the RANDOM button until the

Note: Please refer to the owner's manual that was included with your

During playback, press the **PRESET EQ** button to select a desired music

mode. Each time the **PRESET EQ** button is pressed, the music mode will

OFF -> roc (ROCK) -> POP -> [LA (CLASSIC)

You can connect audio devices such as your iPod, CD players, MP3 Players,

or PC to the unit via the AUX IN jack. To do this, connect an audio cable

with 3 5mm plugs from the line out or headphone out jack of the other

Press the **FUNCTION** button to AUX IN mode and "AU" is shown on

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All warranties implied by state law, including the implied warranties of merchantability and fitness for a particular purpose, are expressly limited to the duration of the limited warranties set forth above. With the exception

of any warranties implied by state law as hereby limited, the foregoing warranty is exclusive and in lieu of all other warranties, guarantees,

agreements and similar obligations of manufacturer or seller with respect

to the repair or replacement of any parts. In no event shall **AVC** be liable for consequential or incidental damages.

No person, agent, distributor, dealer or company is authorized to change, modify or extend the terms of these warranties in any manner whatsoever.

The time within action must be commenced to enforce any obligation of

AVC arising under the warranty or under any statute, or law of the United States or any state thereof, is hereby limited to one year from the date of

purchase. This limitation does not apply to implied warranties arising under

This warranty gives you specific legal rights and you may also have other rights, which may vary from state to state. Some states do not allow limitation on how long an implied warranty lasts, when an action may

be brought, or the exclusion or limitation of incidental or consequential

Product name

Invoice no

.Dealer name

For more information on other products and services, please contact our

FOR SUPPORT, SERVICE AND REPAIR, PLEASE VISIT www.RCAav.com

Specifications and external appearance are subject to change without

Need More Help?

Please visit online help at http://www.RCAav.com

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damages, so the above provisions may not apply to you.

Important: Also keep your "Bill of Sale" as proof of purchase

web site at www.RCAav.com

Model no ..

Serial no

Type of set ...

Date purchased ...

Printed in China

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2. Turn on the audio device you've attached to the AUX IN jack.

This system supports a variety of equalizers and sound effects.

**Connecting to AUX IN for Other Sound Sources** 

audio device to the AUX IN jack on the unit's back panel

### Remove the iPod Dock Adapter as illustrated

in the figure to the right. 2. Replace it with another one you need.

### **Inserting Your iPod**

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Insert your iPod into the connector in the dock 2. Press the **O STANDBY/ON** button to turn on

- the unit.
- 3. Press the **FUNCTION** button repeatedly until the indicator "iPod" appears on the

display 4. Press the **PLAY/PAUSE** button to start

playing.

Pausing Playback

next track

**Repeat Playback** 

AVC's sole discretion.

Your Responsibility

Out of Warranty

Eastern time Important:

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1-877-252-6873 or

repeat).

Notes: The iPod will charge automatically (until

while listening to AM stations.

Skipping to a Another Track

**Limited Warranty** 

to non-commercial user of the product.

Press the PIPLAY/PAUSE button

Locating a Particular Point on a Track

fully charged) once it is docked in the cradle.

To prevent interference to AM radio signals, please switch off the iPod

To resume playback, press the ► II PLAY/PAUSE button again.

Press either the 📢 or 🍽 button according to the desired direction.

Press the d button to skip to the beginning of the current track or

previous track. Press the 🍽 button to skip to the beginning of the

Keep either the 📢 or 🍽 button pressed during playback, according

Repeat lets you play songs repeatedly (a single repeat or all songs

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AVC MULTIMEDIA ("AVC") makes the following limited warranty. These

One Year Parts & Labor Warranty AVC products purchased in the United States are warranted to be free from defects in materials or workmanship for a period of one year from the date of their original retail purchase. If the unit fails to conform to this warranty,

we will service the product using new or refurbished parts and products, at

During a period of one year from the effective warranty date. AVC will

provide, when needed, service labor to repair a manufacturing defect at its designated Service Center. To obtain warranty service in the United States, you must first call our **Customer Support Center at 1-800-506**-

5746 or 1-877-252-6873, during the hours listed in the box below. The deternination of service will be made by AVC customer support. PLEASE DO NOT RETURN YOUR UNIT TO AVC WITHOUT PRIOR AUTHORIZATION. New or remanufactured replacements for defective parts

or products will be used for repairs by **AVC** at its designated Service Center for one year from the defective warranty date. Such replacement parts or products are warranted for an additional one year from the date of repair or replacement. The Customer will be required to ship the unit to the Service

Center indicated at the time Customer Support is contacted to make the necessary repairs. The customer is responsible for all transportation charges to the service facility.

Packaging and Shipping Instruction When you send the product to the AVC service facility you must use the original carton box and packing material or an equivalent as designated by AVC.

You must retain your bill of sale to provide proof of purchase.
 These warranties are effective only if the product is purchased and operated in the U.S.A. or Canada.

operated in the U.S.A. or Canada.
 Warranties extend only to defects in material or workmanship, and do not extend to any product or parts which have been lost or discarded, or damage to product or parts caused by misuse, accident, improper operation or maintenance, or use in violation of instructions provided with the product or part durative have not product or parts accident and the product of t

In the event your product requires repair after the limited warranty period has

expired, please contact our Customer Support Center at 1-800-506-5746.

Hours: Monday-Thursday: 9am-7pm, Friday: 9am-5pm, Saturday: 9am-NOON

You are responsible for any transportation, shipping or insurance relative to the return of the product to our Product Returns Center.

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with the product, or to product which has been altered or modified without authorization of **AVC**, or to products or parts thereof which have had the serial number removed or changed.

ited warranties extend to the original consumer purchaser and is limited

to the desired direction, and release at the desired point.